Contents

Abou-Jaoudé, A., s. Chippaux, M., et al. 225

Andreoli, P.M., Overbeeke, N. Veltkamp, E., Embden, J.D.A. van, Nijkamp, H.J.J.: Genetic Map of the Bacteriocinogenic Plasmid CLO DF13 Derived by Insertion of the Transposon Tn901 1

Antón, D.N.: Genetic Control of Defective Cell Shape and Osmotic-Sensitivity in a Mutant of *Salmonella typhimurium* 277

Apirion, D., s. Kim, K.T., et al. 25

Bade, E.G., Howe, M.M., Rawluk, L.: Preferential Generalized Transduction by Bacteriophage Mu 89

Bade, E.G., s. Schumann, W., et al. 115

Bailone, A., s. Sedgwick, S.G., et al. 267

Barclay, B.J., Little, J.G.: Genetic Damage During Thymidylate Starvation in *Saccharomyces cerevisiae* 33

Barnsley, P.G.H., Sells, B.H.: Synthesis of Messenger RNA Coding for Individual Ribosomal Proteins During Nutritional Shift-Up in *Escherichia coli* K-12 41

Beier, H., s. Issinger, O.-G. 297

Bennett, P.M., s. Robinson, M.K., et al. 339

Biliński, T., s. Rytka, J., et al. 51

Blamire, J., s. Bryski, S.E. 163

Blamire, J., s. Melnick, L.M. 157

Blundell, M., s. Schneider, E., et al. 121

Bollon, A.P., s. Nath, K. 235

Brimacombe, R., s. Ulmer, E., et al. 183

Broda, P., s. Heinaru, A.L., et al. 347

Brozmanová, J., s. Sedliaková, M., et al. 81

Bryski, S.E., Blamire, J.: The Mating Reaction in Yeast. IV. Evidence for Dmt Induced Genetic Modification in Diploids Homozygous for the Dmt Gene 163

Buitenwerf, J., Venema, G.: Transformation in *Bacillus subtilis*. Characterization of an Intermediate in Recombination Observed During Transformation 67

Casse, F., s. Chippaux, M., et al. 225

Chippaux, M., Giudici, D., Abou-Jaoudé, A., Casse, F., Pascal, M.C.: A Mutation Leading to the Total Lack of Nitrite Reductase Activity in *Escherichia coli* K12 . . . 225

Clavilier, L., s. Dujardin, G., et al. 101

Copland, H.J.R., s. Moseley, B.E.B. 331

Cornelis, G., Ghosal, D., Saedler, H.: Tn951: A New Transposon Carrying a Lactose Operon 215

Couturier, M., s. Vliet, F. van, et al. 195

Delius, H., s. Schumann, W., et al. 115

Desmet, L., s. Vliet, F. van, et al. 195

Doskočil, J., Forstová, J., Štokrová, J.: Temperate and Virulent Forms of Phage Theta Attacking *Bacillus licheniformis* 311

Duggleby, C.J., s. Heinaru, A.L., et al. 347

Dujardin, G., Robert, B., Clavilier, L.: Effect of Hydroxyurea Treatment on Transmission and Recombination of Mitochondrial Genes in *Saccharomyces cerevisiae*: A New Method to Modify the Input of Mitochondrial Genes in Crosses 101

Embden, J.D.A. van, s. Andreoli, P.M., et al. 1

Erdmann, V.A., s. Zimmermann, J. 247

Faelen, M., s. Vliet, F. van, et al. 195

Fink, G., s. Ulmer, E., et al. 183

Forstová, J., s. Doskočil, J., et al. 311

Frank, K.R., Mills, D.: Ribosome Activity and Degradation in Meiotic Cells of *Saccharomyces cerevisiae* 59

Fyfe, S.K., s. Hayward, R.S. 77

Ghora, B.K., s. Kim, K.T., et al. 25

Ghosal, D., s. Cornelis, G., et al. 215

Giudici, D., s. Chippaux, M., et al. 225

Grinsted, J., s. Robinson, M.K., et al. 339

Grivell, L.A., s. Moorman, A.F.M. Van, et al. 13

Hansen, F.G., s. Meyenburg, K. von, et al. 287

Hasunuma, K.: Control of the Activity of Intracellular Nucleases in *Neurospora crassa* 259

Hays, J.B., Zagursky, R.J.: Generalized Recombination in Tandem Duplications of Bacteriophage Lambda 325

Hayward, R.S., Fyfe, S.K.: Non-Coordinate Expression of the Neighbouring Genes *rplL* and *rpoB,C* of *Escherichia coli* 77

Heinaru, A.L., Duggleby, C.J., Broda, P.: Molecular Relationships of Degradative Plasmids Determined by in situ Hybridisation of Their Endonuclease-Generated Fragments 347

Howe, M.M., s. Bade, E.G., et al. 89

Hübert, P., s. Schumann, W., et al. 115

Issinger, O.-G., Beier, H.: Characterisation of Ribosomal Proteins from HeLa and Krebs II Mouse Ascites Tumor Cells by Different Two-Dimensional Polyacrylamide Gel Electrophoresis Techniques 297

Kennell, D., s. Schneider, E., et al. 121

Kim, K.T., Apirion, D., Ghora, B.K.: Small Stable RNA of *Neurospora crassa* 25

Koukalová, B., s. Kuhrová, V., et al. 319

Kruszewska, A., Szcześniak, B.: Janus Green Resistance in *Saccharomyces cerevisiae*: Interaction of Nuclear and Cytoplasmic Factors 171

Kuhrová, V., Koukalová, B., Reich, J.: Ability of Chloramphenicol to Suppress Phenotypically Some Bacterial Mutations 319

Leach, F.R., s. Weppner, W.A. 131

Levine, A., s. Sedgwick, S.G., et al. 267

Little, J.G., s. Barclay, B.J. 33

Łukaszkiewicz, J., s. Rytka, J., et al. 51

Mašek, F., s. Sedliaková, M., et al. 81

Matagne, R.F.: Fine Structure of the arg-7 Cistron in *Chlamydomonas reinhardi*. Complementation Between arg-7 Mutants Defective in Argininosuccinate Lyase 95

Meinke, M., s. Ulmer, E., et al. 183

Melnick, L.M., Blamire, J.: The Mating Reaction in Yeast. III. The Effects of the Dmt Gene on Chromosome III . 157

Meyenburg, K. von, Hansen, F.G., Nielsen, L.D., Riise, E.: Origin of Replication *oriC*, of the *Escherichia coli* Chromosome on Specialized Transducing Phages *λasn* . 287

Mills, D., s. Frank, K.R. 59

Moorman, A.F.M., Ommen, G.-J.B. Van, Grivell, L.A.: Transcription in Yeast Mitochondria: Isolation and Physical Mapping of Messenger RNAs for Subunits of Cytochrome *c* Oxidase and ATPase 13

Moseley, B.E.B., Copland, H.J.R.: Four Mutants of *Micrococcus radiodurans* Defective in the Ability to Repair DNA Damaged by Mitomycin-C, Two of which Have Wild-Type Resistance to Ultraviolet Radiation 331

Müller, I., Wolf, F.: A Correlation Between Shortened Life Span and UV-Sensitivity in Some Strains of *Saccharomyces cerevisiae* 231

Nath, K., Bollon, A.P.: Restriction Analysis of Tendemly Repeated Yeast Ribosomal RNA Genes 235

Nevers, P., Saedler, H.: Mapping and Characterization of an *E. coli* Mutant Defective in IS1-Mediated Deletion Formation 209

Nielsen, L.D., s. Meyenburg, K. von, et al. 287
Nijkamp, H.J.J., s. Andreoli, P.M., et al. 1
Nijkamp, H.J.J., s. Pol, H.van de, et al. 139
Ommen, G.-J.B.Van, s. Moorman, A.F.M., et al. 13
Overbeeke, N., s. Andreoli, P.M., et al. 1
Pascal, M.C., s. Chippaux, M., et al. 225
Pol, H.van de, Veltkamp, E., Nijkamp, H.J.J.: Genetic Analysis of the Mobilization of the Non-Conjugative Plasmid Clo DF13 139
Raina, J.L., Ravin, A.W.: Specific Inactivation of Heterospecific Transforming DNA by a Factor Derived from *Streptococcus sanguis* Lysates 203
Ravin, A.W., s. Raina, J.L. 203
Rawluk, L., s. Bade, E.G. et al. 89
Reich, J., s. Kuhrová, V., et al. 319
Richmond, M.H., s. Robinson, M.K., et al. 339
Riise, E., s. Meyenburg, K.von, et al. 287
Robert, B., s. Dujardin, G., et al. 101
Robinson, M.K., Bennett, P.M., Grinsted, J., Richmond, M.H.: The Stable Carriage of Two TnA Units on a Single Replicon 339
Ross, A., s. Ulmer, E., et al. 183
Rytka, J., Śledziewski, A., Łukaszkiewicz, J., Biliński, T.: Haemoprotein Formation in Yeast. III. The Role of Carbon Catabolite Repression in the Regulation of Catalase A and T Formation 51
Saedler, H., s. Cornelis, G., et al. 215
Saedler, H., s. Nevers, P. 209
Schneider, E., Blundell, M., Kennell, D.: Translation and mRNA Decay 121
Schumann, W., Bade, E.G., Delius, H., Hübert, P.: Cloning of a Restriction Fragment of Phage Mu DNA Coding for Early Functions. (Short Communication) 115
Sedgwick, S.G., Levine, A., Bailone, A.: Induction of *recA*$^+$-Protein Synthesis in *Escherichia coli* 267
Sedliaková, M., Slezáriková, V., Mašek, F., Brozmanová, J.: UV-Inducible Repair: Influence on Survival, Dimer Excision, DNA Replication and Breakdown in *Escherichia coli* B/r Hcr$^+$ Cells 81
Sells, B.H., s. Barnsley, P.G.H. 41
Śledziewski, A., s. Rytka, J., et al. 51
Slezáriková, V., s. Sedliaková, M., et al. 81
Stahl, U.: Zygote Formation and Recombination Between Like Mating Types in the Yeast *Saccharomycopsis lipolytica* by Protoplast Fusion. Short Communication. . . . 111
Štokrová, J., s. Doskočil, J., et al. 311
Szcześniak, B., s. Kruszewska, A. 171
Takata, R.: Genetic Studies of the Ribosomal Proteins in *Escherichia coli*. XI. Mapping of the Genes for L21, L27, S15 and S21 by Using Hybrid Bacteria and Over-Production of These Proteins in the Merodiploid Strains . . . 151
Toussaint, A., s. Vliet, F. van, et al. 195
Ulmer, E., Meinke, M., Ross, A., Fink, G., Brimacombe, R.: Chemical Cross-Linking of Protein to RNA within Intact Ribosomal Subunits from *Escherichia coli* 183
Veltkamp, E., s. Andreoli, P.M., et al. 1
Veltkamp, E., s. Pol, H.van de, et al. 139
Venema, G., s. Buitenwerf, J. 67
Vliet, F.van, Couturier, M., Desmet, L., Faelen, M., Toussaint, A.: Virulent Mutants of Temperate Phage Mu-1 . 195
Weppner, W.A., Leach, F.R.: The Initial Attachment of Transforming DNA to Competent *Bacillus subtilis* . . . 131
Wolf, F., s. Müller, I. 231
Zagursky, R.J., s. Hays, J.B. 325
Zimmermann, J., Erdmann, V.A.: Identification of *Escherichia coli* and *Bacillus stearothermophilus* Ribosomal Protein Binding Sites on *Escherichia coli* 5S RNA . . . 247
Errata 119

Indexed in Current Contents